

What is claimed is:

1. A managing apparatus for managing data necessary for providing a content, comprising:
  - reserving means for reserving a delivery resource for each content;
  - storing means for storing reserved delivery resource assignment information; and
  - transmitting means for transmitting the reserved delivery resource assignment information.
2. A managing apparatus for managing data necessary for providing a content, comprising:
  - content list displaying means for displaying a list of contents that can be provided;
  - reservation state displaying means for displaying a reservation state of a delivery resource;
  - content selecting means for selecting a content to which a resource is assigned; and
  - operating means for assigning a delivery resource to the selected content.
3. The managing apparatus as set forth in claim 1 or 2, further comprising:
  - transmitting means for transmitting a content corresponding to a reserved delivery resource.
4. The managing apparatus as set forth in claim 1 or 2, further comprising:
  - automatic designating means for automatically designating a delivery resource,

wherein an automatically designated delivery resource is operated.

5. The managing apparatus as set forth in claim 1 or 2,

5 wherein a delivery resource is assigned corresponding to a convenience of a content provider.

6. The managing apparatus as set forth in claim 1 or 2, further comprising:

10 converting means for converting the format of each content corresponding to a reserved delivery resource.

7. The managing apparatus as set forth in claim 1 or 2,

15 wherein a transmission resource is reserved for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is transmitted corresponding to the reserved information.

20 8. The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner that a plurality of transmission paths are selected.

25 9. The managing apparatus as set forth in claim 1 or 2,

wherein a transmission resource is reserved

for each content, the transmission resource being  
composed of a limited transmission band and  
transmission time, and

wherein each content is stored corresponding  
to the reserved information.

10. The managing apparatus as set forth in claim  
1 or 2,

wherein a reservation state can be browsed  
from one or more distributed environments.

11. The managing apparatus as set forth in claim  
1 or 2,

wherein a delivery resource can be reserved  
from one or more distributed environments.

12. A managing method for managing data necessary  
for providing a content, comprising the steps of:  
reserving a delivery resource for each  
content;

storing reserved delivery resource assignment  
information; and

transmitting the reserved delivery resource  
assignment information.

13. A managing method for managing data necessary  
for providing a content, comprising the steps of:

displaying a list of contents that can be  
provided;

displaying a reservation state of a delivery  
resource;

selecting a content to which a resource is  
assigned; and  
assigning a delivery resource to the selected  
content.

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